This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

- (currently amended) A semiconductor device comprising:

 an integrated circuit chip having an outline, active and passive surfaces, and active components including a plurality of contact pads, spaced apart by less than 100 μm center to center, on said active surface;
 - a plurality of electrical coupling members attached to said contact pads, said coupling members selected from a group consisting of gold bumps, copper bumps, copper/nickel/palladium bumps, and z-axis conductive epoxy;
 - an electrically insulating thin-film interposer having first and second surfaces and wherein the thin-film interposer is made of insulating materials such as polyimide, Kapton, Upilex, PCB resin, FR-4 and cyanate ester resin, and the thin-film is in the thickness range of about 40 to 80 um, a plurality of electrically conductive lines integral with said first surface, a plurality of electrically conductive paths extending through said interposer, contacting said conductive lines and forming exit ports on said second surface;
 - said chip coupling members attached to said conductive lines, covering an area portion of said first interposer surface; and
 - encapsulation material protecting said passive chip surface and at least a portion of said first interposer surface not covered by said attached chip.
 - (original) The device according to Claim 1 further having solder balls attached to said exit ports on said second interposer surface.
 - (original) The device according to Claim 1 further having an adhesive nonconductive polymer underfilling any spaces between said chip coupling members attached to said conductive lines under said chip.
 - (original) The device according to Claim 1 wherein said interposer is a polyimide film.

- 5. (original) The device according to Claim 1 wherein said interposer has an outline larger than said outline of said chip.
- (original) The device according to Claim 1 wherein said electrically conductive lines are made of a material selected from a group consisting of copper, copper alloy, or copper plated with tin, tin alloy, silver, or gold.
- 7. (previously presented) The device according to Claim 1 wherein said coupling member attachment is provided by metal interdiffusion of thermo-compression bonding.
- 8. (original) The device according to Claim 1 wherein said encapsulation material is a molding compound.
- (previously presented) The device according to Claim 9 wherein said molding compound has the same outline as said interposer.
- (currently amended) A semiconductor device comprising:
 - an integrated circuit chip having an outline, active and passive surfaces, and active components including a plurality of contact pads on said active surface;
 - a plurality of electrical coupling members attached to said contact pads, said coupling members selected from a group consisting of gold bumps, copper bumps, copper/nickel/palladium bumps, and z-axis conductive epoxy;

an electrically insulating thin-film interposer having first and second surfaces and wherein the thin-film interposer is made of insulating materials such as polyimide, Kapton, Upilex, PCB resin, FR-4 and cyanate ester resin, and the thin-film is in the thickness range of about 40 to 80 um, a plurality of electrically conductive lines integral with said first surface, a plurality of electrically conductive paths extending through said interposer, contacting said conductive lines and forming exit ports on said second surface;

said chip coupling members attached to said conductive lines, covering an area portion of said first interposer surface; and encapsulation material protecting said passive chip surface and at least a portion of said first interposer surface not covered by said attached chip.

11-16 (canceled)

- 17. (currently presented) A semiconductor device comprising:
 - an integrated circuit chip having an outline, active and passive surfaces, and active components including a plurality of contact pads on said active surface;
 - a plurality of electrical coupling members attached to said contact pads; an electrically insulating thin-film interposer having first and second surfaces and wherein the thin-film interposer is made of insulating materials such as polyimide, Kapton, Upilex, PCB resin, FR-4 and cyanate ester resin, and the thin-film is in the thickness range of about 40 to 80 um, a plurality of electrically conductive lines integral with said first surface, a plurality of electrically conductive paths extending through said interposer, contacting said conductive lines and forming exit ports on said second surface;
 - said chip coupling members interdiffused with said conductive lines; and encapsulation material protecting said passive chip surface and at least a portion of said first interposer surface not covered by said attached chip.
- 18. (previously presented) The device according to Claim 17 further having solder balls attached to said exit ports on said second interposer surface.
- 19. (previously presented) The device according to Claim 17 further having an adhesive non-conductive polymer underfilling any spaces between said chip coupling members attached to said conductive lines under said chip.
- 20. (previously presented) The device according to Claim 17 wherein said interposer is a polyimide film.

- 21. (previously presented) The device according to Claim 17 wherein said interposer has an outline larger than said outline of said chip.
- 22. (previously presented) The device according to Claim 17 wherein said electrically conductive lines are made of a material selected from a group consisting of copper, copper alloy, or copper plated with tin, tin alloy, silver, or gold.
- 23. (previously presented) The device according to Claim 17 wherein said encapsulation material is a molding compound.
- 24. (previously presented) The device according to Claim 23 wherein said molding compound has the same outline as said interposer.